AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A wireless terminal, when connected to a base device, receiving video data or audio data or both video data and audio data from the connected base device, comprising:

connection requesting means for, when there are a plurality of base devices in a communications range of the wireless terminal, broadcasting to the plurality of base devices, a connection request command that requests a connection with a base device;

connection establishing means for, when there are two or more base devices in a communications range of the wireless terminal, receiving only a first an earliest incoming one set of identification data from among sets of identification data, being transmitted from said two or more the plurality of base devices in response to the connection request command, each set of identification data indicating one base device, so as to establish a connection with a base device that is indicated by the thus received, first earliest incoming set of identification data;

connection completion notifying means for, after the receiving of the first earliest incoming set of identification data, broadcasting to the plurality of base devices, a connection process completion command that indicates that the connection with the connected base device is established;

connection counterpart notifying means for notifying, based on the first earliest incoming set of identification data, a user of identification data of the base device to which the wireless terminal is currently connected; and

image output means for causing a display section to display an image based on video data received from the base device to which the wireless terminal is connected,

the connection counterpart notifying means displaying the identification data of the

connected base device on the display section in an OSD manner.

2. (Canceled).

3. (Canceled).

4. (Previously Presented) A wireless terminal as set forth in Claim 1, wherein:

the identification data contains a key for encrypting the data and a key for decrypting the

encrypted data.

5. (Previously Presented) A wireless terminal as set forth in Claim 4, wherein:

the key for encrypting the data and the key for decrypting the encrypted data are

algorithms specific to the base device indicated by the identification data.

6. (Canceled).

7. (Original) A base device comprising:

identification data transmission means for transmitting the identification data to the

wireless terminal as set forth in Claim 1.

8. (Original) A wireless system comprising:

the wireless terminal as set forth in Claim 1; and

a base device comprising identification data transmission means for transmitting the

identification data to the wireless terminal as set forth in Claim 1.

9. (Previously Presented) A non-transitory computer readable storage medium storing a

control program for operating a wireless terminal as set forth in Claim 1, the control program

causing a computer to function as each of the means.

10. (Canceled).

11. (Currently Amended) A wireless system comprising a base device and a wireless

terminal which, when connected to a base device, receives either video data or audio data or both

video data and audio data from the connected base device, wherein:

the wireless terminal comprises:

connection requesting means for, when there are a plurality of base devices in a

communications range of the wireless terminal, broadcasting to the plurality of base devices, a

connection request command that requests a connection with a base device;

connection establishing means for, when there are two or more base devices in a

communications range of the wireless terminal, receiving only a first an earliest incoming one set

of identification data from among sets of identification data, being transmitted from said two or

more the plurality of base devices in response to the connection request command, each set of

identification data indicating one base device, so as to establish a connection with a base device

that is indicated by the thus received, firstearliest incoming set of identification data;

connection completion notifying means for, after the receiving of the ~~first~~ earliest

incoming set of identification data, broadcasting to the plurality of base devices, a connection

process completion command that indicates that the connection with the connected base device is

established;

first connection confirming mode transiting means for causing transition into a

connection confirmation mode in accordance with input of an instruction from a user;

connection confirming means for obtaining, after the transition to the connection

confirmation mode, a connection confirmation command from the base device to which the

wireless terminal is connected, the connection confirmation command being for confirming the

connection;

warning means for warning the user if the connection confirmation means does

not obtain the connection confirmation command within a predetermined time after the transition

to the connection confirmation mode;

connection counterpart notifying means for notifying, based on the ~~first~~earliest

incoming set of identification data, a user of identification data of the base device being currently

connected if the connection confirmation command is received within a predetermined time; and

image output means for causing a display section to display an image based on

video data received from the base device to which the wireless terminal is connected,

the connection counterpart notifying means displaying the identification data of

the connected base device on the display section in an OSD manner, and

the warning means warning the user by displaying a warning message on the

display section in an OSD manner and

the base device comprises:

identification data transmission means for transmitting the identification data after

receiving a connection request command;

means for, after receiving the connection process completion command,

recognizing that the connection is established and transmitting either video data or audio data or

both video data and audio data to the wireless terminal;

second connection confirming mode transiting means for causing transition into

the connection confirmation mode in accordance with the input of the instruction from the user;

and

connection confirmation command transmitting means for transmitting the

connection confirmation command, if the transition into the connection confirmation mode is

performed.

12. (Canceled).

13. (Canceled).

14. (Previously Presented) The wireless system as set forth in Claim 11, wherein:

the identification data contains a key for encrypting the data and a key for decrypting the

encrypted data.

15. (Previously Presented) A wireless system as set forth in Claim 14, wherein:

the key for encrypting the data and the key for decrypting the encrypted data are

algorithms specific to the base device indicated by the identification data.

16. (Canceled).

17. (Canceled).

18. (Canceled).

19. (Previously Presented) A non-transitory computer readable storage medium storing a control program for operating a wireless terminal constituting the wireless system as set forth in Claim 11, the control program causing a computer to function as each of the means.

20. (Canceled).

21. (Previously Presented) A non-transitory computer readable storage medium storing a control program for operating a base device constituting the wireless system as set forth in Claim 11, the control program causing a computer to function as each of the means.

22. (Canceled).